

National Library of Medicine Resources for Health Informatics

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National Network of Libraries of Medicine, Middle Atlantic Region



U.S. National Library of Medicine

*National Network of Libraries of Medicine
Middle Atlantic Region*

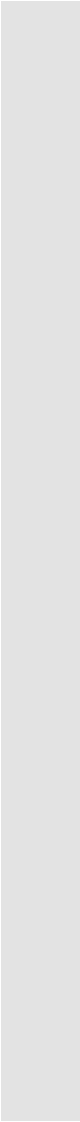

Welcome!

Kate Flewelling



Elaina Vitale





The National Library of Medicine and the National Network of Libraries of Medicine

Databases

[PubMed/MEDLINE](#)[MeSH](#)[UMLS](#)[ClinicalTrials.gov](#)[MedlinePlus](#)[TOXNET](#)[Images from the History of Medicine](#)[Digital Collections](#)[LocatorPlus](#)[All NLM Databases & APIs](#)

NLM Celebrates the 20th Anniversary of the Harry Potter Series

NLM collections related to Harry Potter, lectures, an exhibition, and more at NLM June 26-30, 2017.

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Find, Read, Learn

[Search biomedical literature](#)[Find medical terminologies](#)[Search NLM collections](#)[Read about diseases](#)[Learn about drugs](#)[Explore history](#)[Find a clinical trial](#)[Use a medical dictionary](#)[Find free full-text articles](#)

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NLM for You

[Grants & Funding](#)[Meaningful Use Tools](#)[Training & Outreach](#)[National Network of Medical Libraries](#)[Regional Activities](#)[Careers @ NLM](#)

News, Events, Videos

- Funders Reflect on Lessons Learned in Funding International Open Science Prize (08/01/17)
- Jerry Sheehan Appointed Deputy Director of the National Library of Medicine (07/31/17)
- NLM Biomedical Informatics Course to Be Restructured to Help Accelerate

“The National Library of Medicine (NLM), on the campus of the National Institutes of Health in Bethesda, Maryland, has been a center of information innovation since its founding in 1836”.

[URL](#) for the National Library of Medicine

NLM Director Dr. Patti Brennan



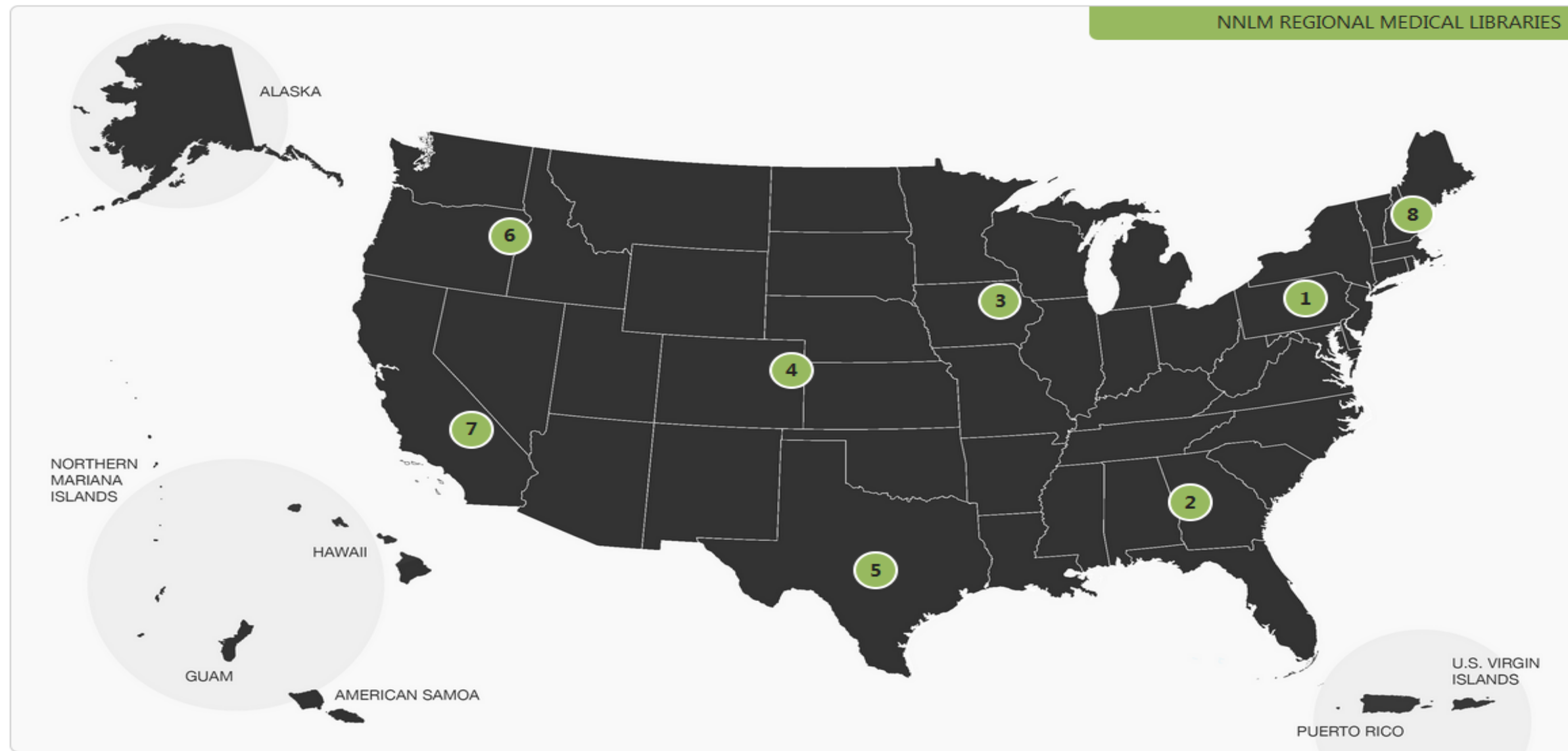
NINR Big Data Boot Camp Part 4: Big Data in Nursing Research - Dr. Patti Brennan



[URL](#) for Dr. Brennan's blog, NLM Musings from the Mezzanine, [URL](#) for NINR Big Data Boot Camp video

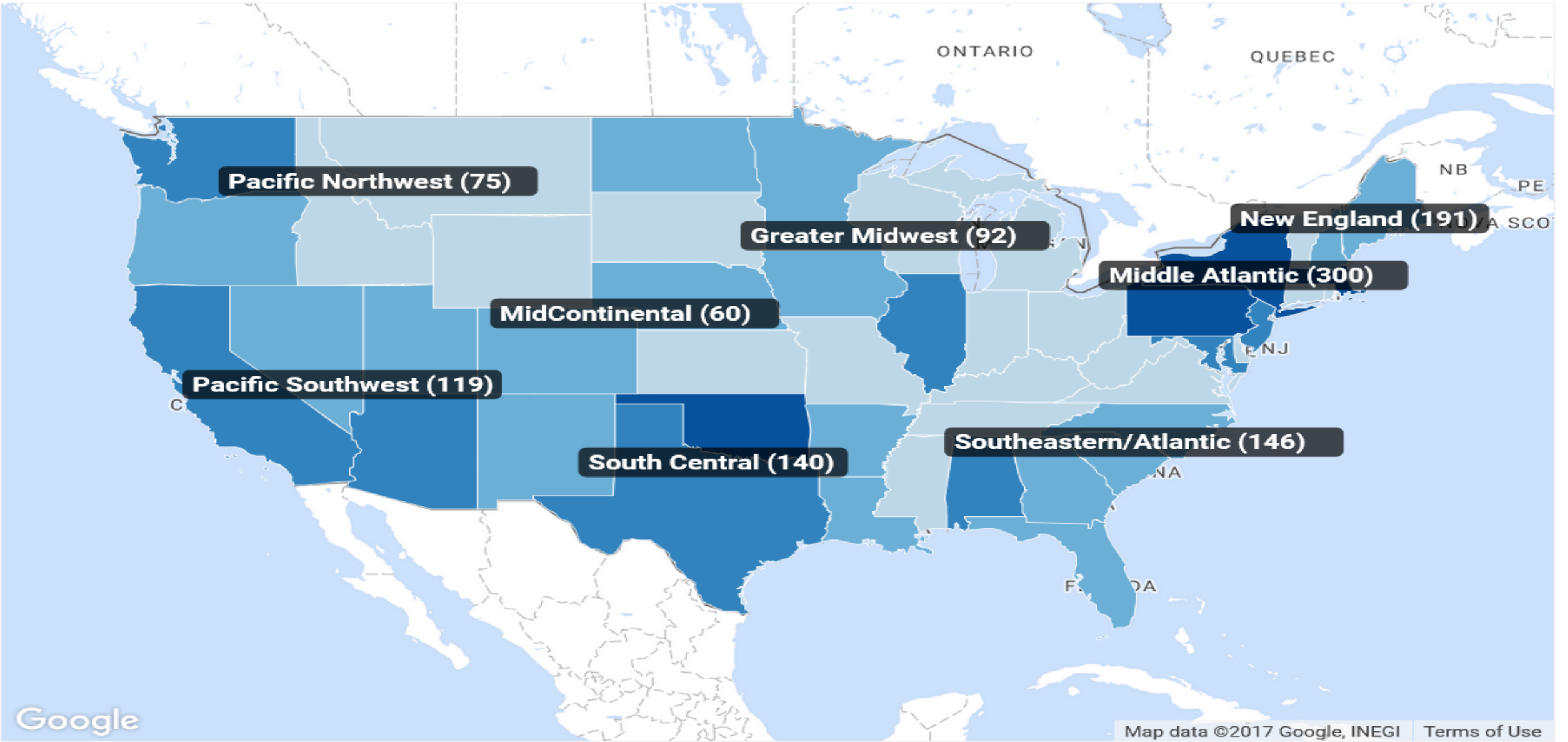
Regional Medical Libraries

Explore the pinpoints below and learn more about the NNLM Regional Medical Libraries and their respective territories.



[URL](#) for National Network of Libraries of Medicine (NNLM) and [URL](#) to NNLM Middle Atlantic Region (NNLM MAR)

NNLM Outreach Activities: Continental USA



[URL](#) to About NNLM and Membership Map

professional development

Class Descriptions

The NNLM educational program consists of a mix of in-person and online opportunities. The classes listed below may be customized for any audience. Additionally, MAR coordinators are available to discuss your audiences' specific needs and tailor presentations that introduce information resources to address specific demographic, biomedical and health information needs. Contact nnlmmar@pitt.edu to request a class or presentation.

Use the sidebar navigation to view our Training Schedule for upcoming session dates.

Note: Classes that do not include MAR staff in their list of instructors are only available to the Middle Atlantic Region when offered online by another region or office. Look for any of the following instructors:

- Renae Barger
- Michelle Burda
- Lydia Collins
- Kate Flewelling
- Elaina Vitale

[ABCs of DNA: Unraveling the Mystery of Genetics...](#)

[Activate, Collaborate, and Educate: Health...](#)

[Are You Ready? Essential Disaster Health...](#)

[Beyond an Apple a Day: Providing Consumer...](#)

[ACRL Research Data Management Roadshow](#)

[American Indian Health Information Resources](#)

[Augmented Reality, Virtual Reality, & Health](#)

[Beyond the SEA Monthly Web Seminar](#)

[URL for Class Descriptions](#)

IN THIS SECTION

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[Class Descriptions](#)

[Training Schedule](#)

[Past Presentations](#)

[Educational & Print Materials](#)

[Other Free Materials](#)

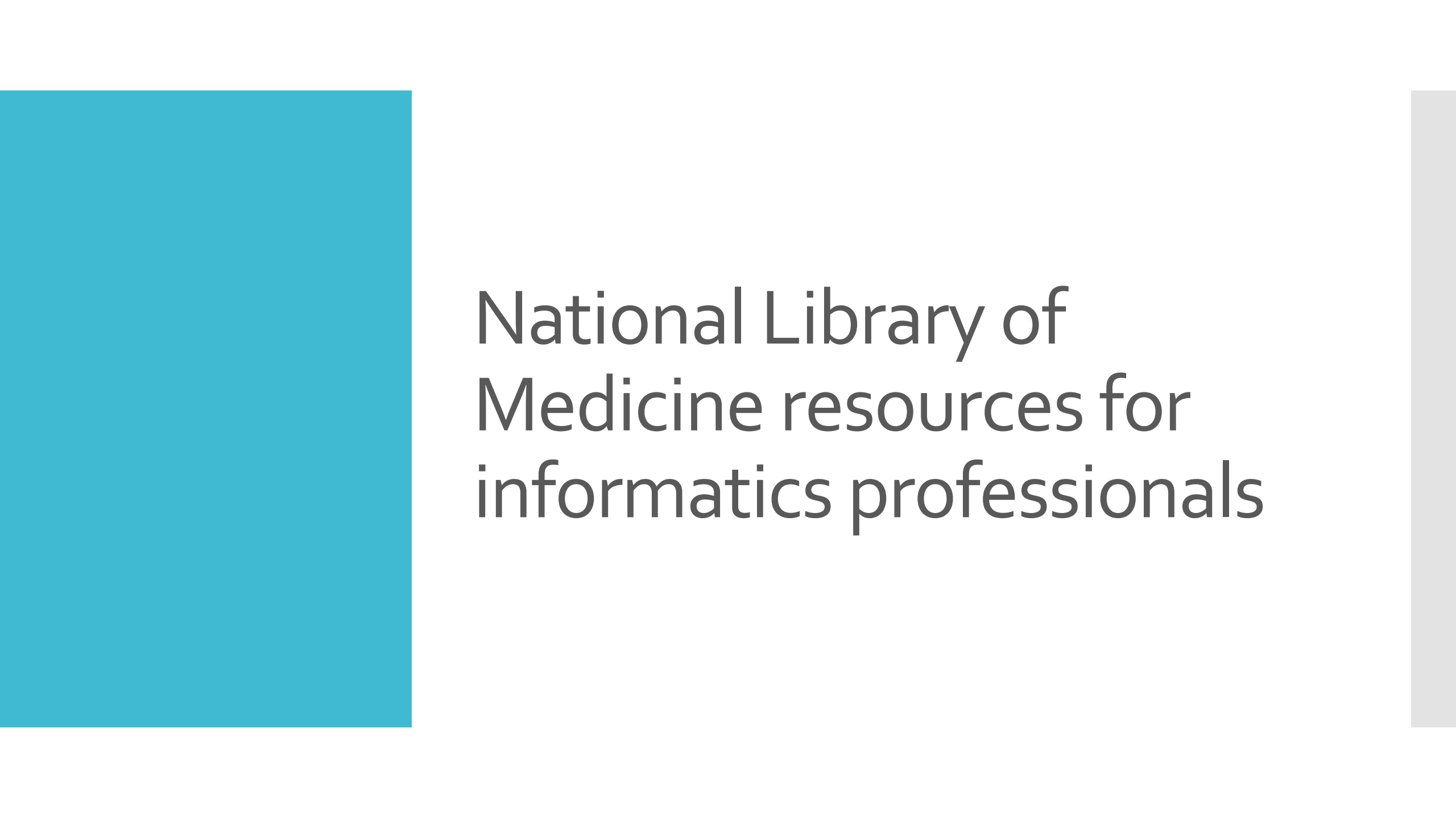
[Resource Guides](#)

FILTER CLASSES

Title

Region/Office

- ☒ - Any -
- ☐ MAR
- ☐ SEA
- ☐ GMR



National Library of
Medicine resources for
informatics professionals

What kind of informatics resources does NLM have?

- Clinical, public health, and consumer health informatics
- Bioinformatics
- Research, Data and Statistics about Health Informatics
- Informatics Research – intramural and extramural



Health Topics

Find information on health, wellness, disorders and conditions



Drugs & Supplements

Learn about prescription drugs, over-the-counter medicines, herbs, and supplements



Videos & Tools

Discover tutorials, health and surgery videos, games, and quizzes



Medical Encyclopedia

Articles and images for diseases, symptoms, tests, treatments

Medical Dictionary from Merriam-Webster

Look up in Dictionary

GO

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How does an inactive lifestyle affect your body?

Find out with our new health topic.

1

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4



Today's Health News

[Could Artificial Sweeteners Raise Your Odds for Obesity?](#)

[Some Medicines Boost Sensitivity to Sun](#)

[Teens Keep Building Bone After They Stop Growing](#)

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Clinical Trials

Search [ClinicalTrials.gov](#) for drug and treatment studies.

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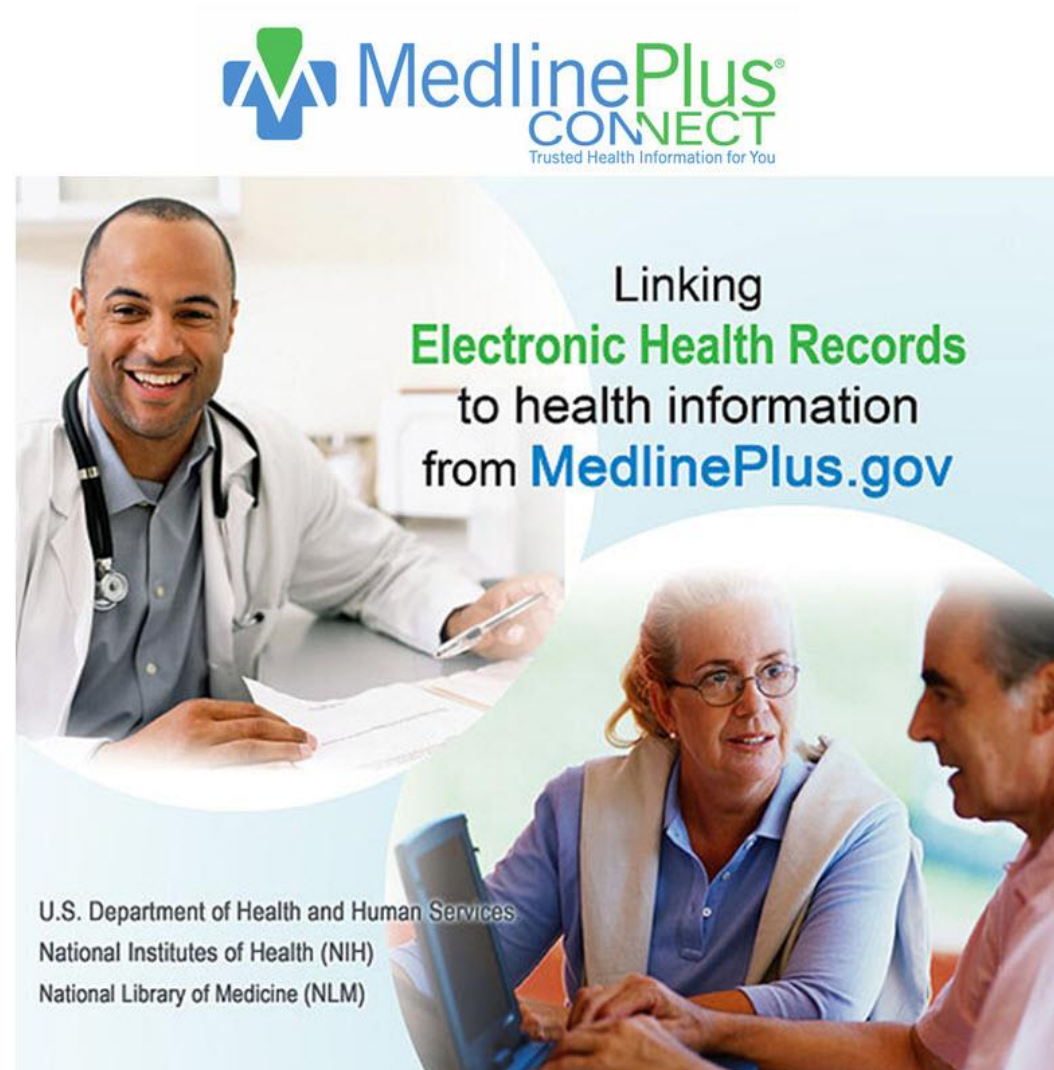


[Health Information in Multiple Languages](#)



[MedlinePlus Connect for EHRs](#)

Link MedlinePlus to EHRs!



URL



PubMed

PubMed comprises more than 27 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.

Using PubMed

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PubMed Tools

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[Clinical Queries](#)

[Topic-Specific Queries](#)

More Resources

[MeSH Database](#)

[Journals in NCBI Databases](#)

[Clinical Trials](#)

[E-Utilities \(API\)](#)

[LinkOut](#)

Latest Literature

New articles from highly accessed journals

[Cell](#) (4)

[Circulation](#) (3)

[J Clin Invest](#) (8)

[J Clin Oncol](#) (1)

Trending Articles

PubMed records with recent increases in activity

[In Situ Capture of Chromatin Interactions by Biotinylated dCas9.](#)
[Cell.](#) 2017.

[Strength and hypertrophy adaptations between low- versus high-load resistance training: A systematic review and meta-analysis.](#)

PubMed Commons

Featured comments

[Browsing backup: In reply, author J Oliver provides updates on accessing whole genome methylome data.](#)
[bit.ly/2hQDkEs](#)
Aug 28

[Making 'classic' data more accessible: @egonwillighagen links to machine readable tables of paraffin boiling points.](#)

[URL](#) for PubMed

PubMed COMMONS

A forum for scientific discourse



PubMed Commons enables authors to share opinions and information about scientific publications in PubMed.

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Top comments now - [more about this](#)

Increased salt consumption induces body water conservation and decreases fluid intake.

Rakova N. J Clin Invest. 2017. [1 comment](#)

[NephJC - Nephrology Journal Club](#) 2017 Aug 28 09:41 a.m. (yesterday)

The controversial and thought-provoking paper "Increased salt consumption induces body water conservation and decreases fluid intake." was discussed on June 6th and 7th 2017 on ... [more](#)

[Permalink](#) [Share](#)

Reduced haemoglobin levels in infants presenting with apparent life-threatening events--a retrospective investigation.

Poets CF. Acta Paediatr. 1992. [1 comment](#)

[David Mage](#) 2017 Aug 28 10:11 p.m. (15 hours ago)

In the introduction the authors write: "the peak incidence of SIDS coincides with the nadir in the physiologic anaemia of infancy (PAI)." This nadir is defined as the minimum in ... [more](#)

[Permalink](#) [Share](#)

PubMed Commons Blog

Collaborating to bring journal clubs to PubMed Commons: A librarian's perspective

July 5, 2017

Journal clubs can be a great tool in graduate and medical education. They provide opportunities for students to practice important skills: literature searching, critical reading, scholarly debate, and in some cases, even writing. Julie Hartwell shares how a collaboration with faculty on PubMed Commons got started and its initial impact.



[See full blog post](#)

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What people are reading

Trending articles - those with recent increases in activity

Last updated: August 29 12:16 p.m.

[In Situ Capture of Chromatin Interactions by Biotinylated dCas9.](#)

Cell. 2017.

[Strength and hypertrophy adaptations between low- versus high-load resistance training: A systematic review and meta-](#)

What works?

Clinical effectiveness.

[In partnership with:](#)



THE UNIVERSITY of York
Centre for Reviews and Dissemination



National Heart, Lung,
and Blood Institute



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choices



National Institute for
Health and Care Excellence



[URL](#) for PubMed Health

▲ IMPORTANT: Listing of a study on this site does not reflect endorsement by the National Institutes of Health. Talk with a trusted healthcare professional before volunteering for a study. [Read more...](#)

ClinicalTrials.gov

A service of the U.S. National Institutes of Health

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ClinicalTrials.gov is a registry and results database of publicly and privately supported clinical studies of human participants conducted around the world.

Search (all fields optional)

Condition / Disease:

e.g. breast cancer

X

Other Terms:

e.g., NCT number, drug name, investigator name

X

Country:

▼

X

The database currently lists 253,200 studies with locations in all 50 States and in 200 countries.

Recruiting Study Locations



Non-U.S. only (57%)

U.S. only (38%)

Both U.S. and non-U.S. (5%)

44,387 recruiting studies (August 28, 2017)

[URL](#) for ClinicalTrials.gov

Sample Uses of ClinicalTrials.gov

- Access information about specific trial
 - Find trials for potential participants
 - Track progress and protocol changes
 - See results (if available)
- Assess available evidence relevant to a specific clinical topic
- Assess nature of current and past research
- Review methodologies used in clinical trials



Disaster Information Management Research Center

IMPROVING ACCESS TO DISASTER HEALTH INFORMATION

National Library of Medicine
National Institutes of Health
SPECIALIZED INFORMATION SERVICES



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- [▶ NIH Disaster Research Response Project \(DR2\)](#)
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Announcements

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[Resources for Healthcare Cybersecurity](#)

A to Z Index of Resources ▶

A	B	C	D	E	F	G	H	I
J	K	L	M	N	O	P	Q	R
S	T	U	V	W	X	Y	Z	#

New Documents from Disaster Lit®

- [▶ Hurricane Harvey Emergency Dispensing of Prescription Medications](#)
- [▶ More...](#)

New in PubMed

[URL](#) for DIMRC



Disaster Information Management Research Center

IMPROVING ACCESS TO DISASTER HEALTH INFORMATION

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Disaster Apps for Your Digital Go Bag

[CBRNE and Hazardous Substances](#)[Medical and Health Information](#)[Responder Support and Safety](#)[Psychological Health Tools](#)[U.S. Federal Organizations](#)[American Red Cross Suite of Apps](#)[Surveillance and Alerts](#)[Family Reunification](#)[Apps for Disasters in Libraries](#)[Other Apps and Tools](#)[Selection Guidelines for Non-National Library of Medicine Resources](#)

Mobile connect to this page.

Notes:

The tools on this page are designed to provide mobile device users access to Web-based content. They are developed to run on specific mobile platforms, such as iOS (iPhone and iPad), Android, or Blackberry.

A two-page promotional flyer (PDF, 308 KB) highlighting these apps and mobile sites is available to download and print.

CBRNE and Hazardous Substances

WISER (includes CHEMM)



By: National Library of Medicine



WISER (Wireless Information System for Emergency Responders) assists first responders in Hazmat incidents, with features including substance identification support, containment and suppression advice, and medical treatment information. Content from CHEMM (Chemical Hazards Emergency Medical Management) is

Mobile REMM



By: National Library of Medicine



REMM (Radiation Emergency Medical Management) provides guidance about clinical diagnosis and treatment of radiation injuries during radiological and nuclear emergencies. It was developed by the National Library of Medicine and the Office of the Assistant Secretary for Preparedness and Response, U.S.

[URL](#) for Disaster Apps from DIMRC

WISER



- Designed specifically for and with Emergency Responders
- Easy to use
- Peer reviewed information maintained by the National Library of Medicine
- No Internet access required on most devices
- Free!!



Welcome to TOXNET

Your resource for searching databases on toxicology, hazardous chemicals, environmental health, and toxic releases



SEARCH TOXNET Search all or select specific databases

BROWSE

ADVANCED SEARCH

e.g. benzene, endocrine disruptor

ALL DATABASES ▼

Search

TOXNET Databases

MOST VISITED BY TOXNET USERS

HSDB

Hazardous Substances Data Bank. Peer-reviewed toxicology data for over 5,000 hazardous chemicals

TOXLINE

4 million references to literature on biochemical, pharmacological, physiological, and toxicological effects of drugs and other chemicals

Environmental Health & Toxicology

Resources on environmental
health and toxicology

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Did you know



There is a guide to
choosing a database

[Which Resource Should I Use](#)
can help you pick the right
resource for your search.

[URL](#) for TOXNET

View record in another database: LACTMED ▼

↓ Download this Record

🖨️ Print

📁 Select Record

📖 My List

🔗 Permalink

Recent related PubMed toxicology articles 

TABLE OF CONTENTS

Show Selected Items

Clear

Expand all

Collapse all

☐ [Closest Match to Search Terms](#)☐ [Full Record](#)☐ + [Drug Levels and Effects](#)☐ + [Substance Identification](#)☐ + [Administrative Information](#)

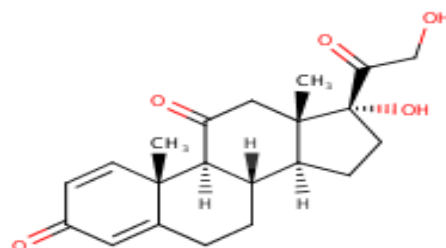
Show Selected Items

Clear

CLICK TO HIDE

Prednisone

CASRN: 53-03-2



FULL RECORD DISPLAY

*Displays all fields in the record.**For other data, click on the Table of Contents*

Drug Levels and Effects:

Summary of Use during Lactation:

Amounts of **prednisone** in breastmilk are very low. No adverse effect have been reported in breastfed infants with maternal use of any corticosteroid during breastfeeding. With high maternal doses, the use of prednisolone instead of **prednisone** and avoiding breastfeeding for 4 hours after a dose theoretically should decrease the dose received by the infant. However, these maneuvers are not necessary with short-term use. High doses might occasionally cause temporary loss of milk supply.

View record in another database: HSDB

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☐ [+ Laboratory Methods](#)

☐ [+ Special References](#)

☐ [+ Synonyms and Identifiers](#)

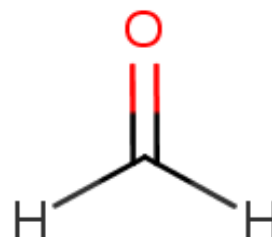
☐ [+ Administrative Information](#)



CLICK TO HIDE

FORMALDEHYDE

CASRN: 50-00-0



FULL RECORD DISPLAY

Displays all fields in the record.

For other data, click on the Table of Contents

Overview:

IDENTIFICATION:

Formaldehyde is a colorless, flammable gas with a strong smell. **Formaldehyde** dissolves easily in water, but escapes as a gas from the water. **Formaldehyde** can be bought in a liquid called **formalin** with water and methanol. It is naturally produced in small amounts in the human body and most living organisms.

USE:

Formaldehyde is used mostly to make resins used in building materials, coatings for paper and clothing fabrics, and synthetic fibers. A second major use is as a starting chemical to make other chemicals. It is found in smoke from

Welcome to NNLM RD3

The National Network of Libraries of Medicine aims to support data sharing and open science, and foster the development of professionals in data science. This resource supports advancing data science, open science & biomedical informatics through aggregate data resources, programs and services across NNLM.

[URL](#)

NCBI

- Computational biology
- Genetics and Genomics
- Sequence analysis

Training [available](#)

NCBI [URL](#)

Health Services Research Information Central

NIH U.S. National Library of Medicine

Databases Find, Read, Learn Explore NLM Research at NLM NLM for You

National Information Center on Health Services Research and Health Care Technology (NICHSR)

Home > Health Services Research & Public Health > HSRIC > Health Informatics

Serving the Information Needs of the Health Services Research Community

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- [Key Organizations \(International\)](#)

Health Informatics is "the interdisciplinary study of the design, development, adoption and application of IT-based innovations in healthcare services delivery, management and planning." Procter, R. Dr. (Editor, Health Informatics Journal, Edinburgh, United Kingdom). Definition of health informatics [Internet]. Message to: Virginia Van Home (Content Manager, HSR Information Central, Bethesda, MD). 2009 Aug 16 [cited 2009 Sept 21]. [1 paragraph]

URL

Lister Hill Center for Biomedical Communications

- Clinical Data Standards & Electronic Medical Records
- Telehealth
- Mobile Health
- Image Processing and Visualization
- Natural Language Processing

[URL](#)

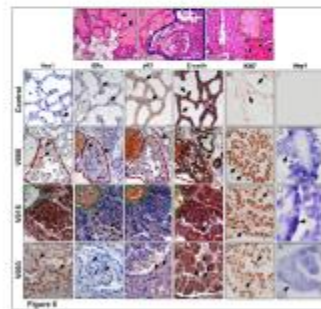


Open-i
URL

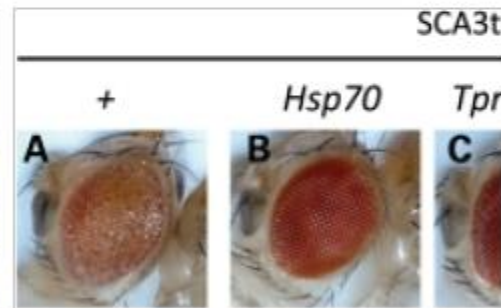


Open Access Biomedical
Image Search Engine

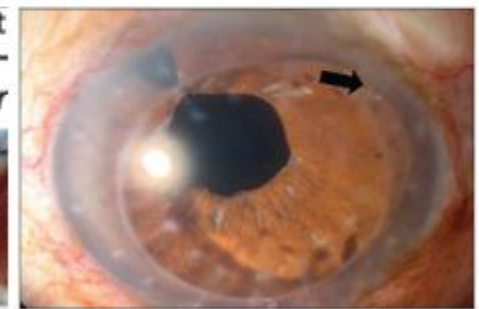
Popular Searches



cancer



toxicity



glaucomas

Funding

- Research
- Career Development
- Training

[Details](#)

National Network of Libraries of Medicine Funding

Regional Medical Libraries

Explore the pinpoints below and learn more about the NNLM Regional Medical Libraries and their respective territories.



Funding Statement

- *Developed resources reported in this presentation are supported by the National Library of Medicine (NLM), National Institutes of Health (NIH) under cooperative agreement number UG4LM012342 with the University of Pittsburgh, Health Sciences Library System. The content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institutes of Health.*

Thank you!

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